

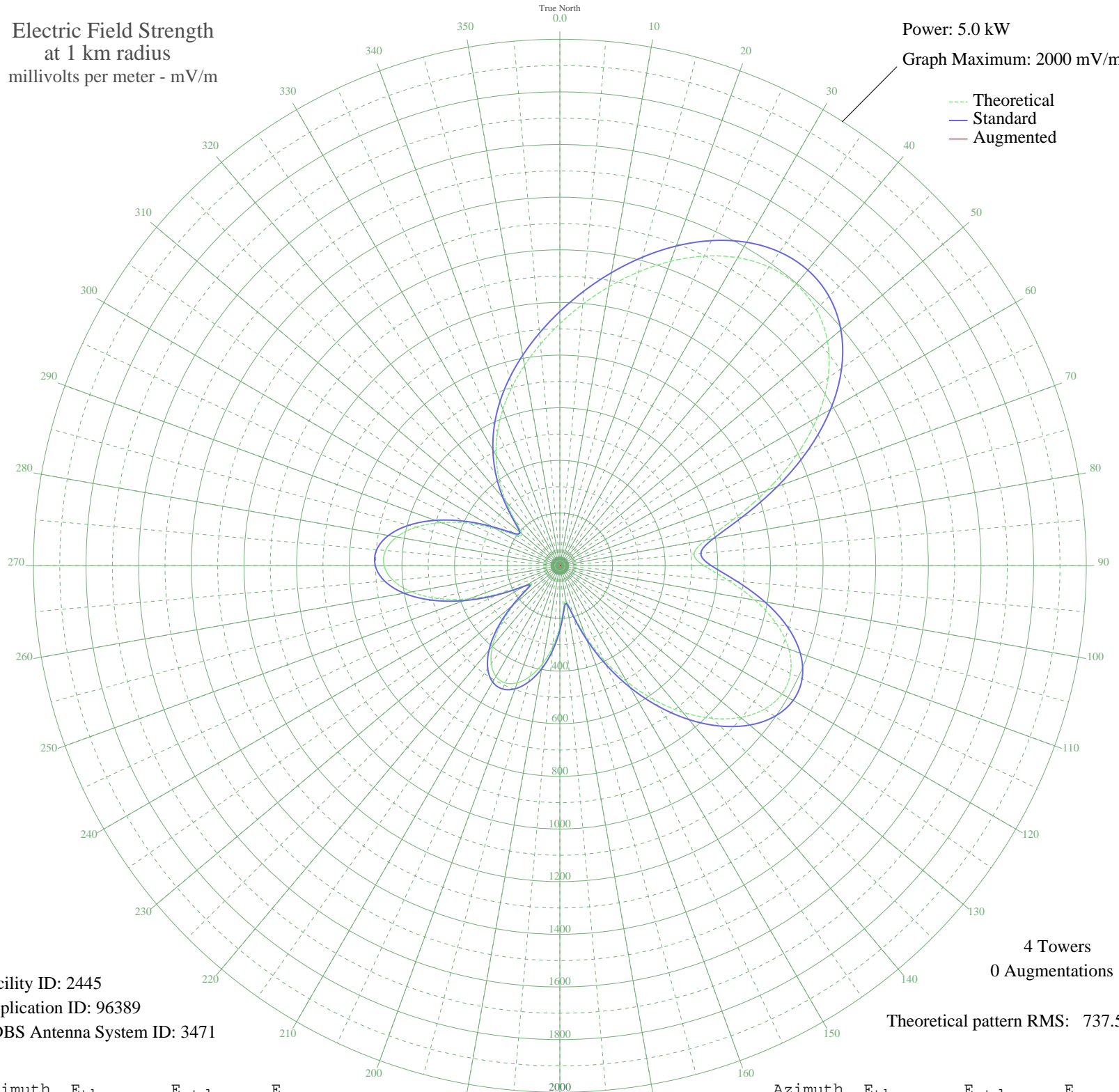
# KWZD SALT LAKE CITY, UT BL-19861229AK 910 kHz

Daytime

Electric Field Strength  
at 1 km radius  
millivolts per meter - mV/m

Power: 5.0 kW  
Graph Maximum: 2000 mV/m

--- Theoretical  
— Standard  
— Augmented



Facility ID: 2445  
Application ID: 96389  
CDBS Antenna System ID: 3471

4 Towers  
0 Augmentations

Theoretical pattern RMS: 737.50

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	919.47	965.73	
5	997.02	1047.13	
10	1076.42	1130.48	
15	1155.44	1213.44	
20	1230.65	1292.40	
25	1297.60	1362.68	
30	1351.07	1418.82	
35	1385.59	1455.06	
40	1395.87	1465.85	
45	1377.44	1446.50	
50	1327.27	1393.83	
55	1244.41	1306.84	
60	1130.66	1187.42	
65	991.36	1041.19	
70	836.71	878.85	
75	684.24	718.83	
80	563.02	591.63	
85	511.72	537.81	
90	547.95	575.82	
95	642.28	674.81	
100	752.82	790.81	
105	852.09	895.01	
110	925.66	972.23	
115	966.96	1015.58	
120	974.37	1023.36	
125	949.58	997.33	
130	896.44	941.55	
135	820.09	861.41	
140	726.18	762.86	
145	620.36	651.80	
150	507.92	533.83	
155	393.96	414.33	
160	284.31	299.45	
165	189.37	200.22	
170	137.26	146.02	
175	162.74	172.49	

The theoretical pattern is used to create the standard pattern. Augmentations (if any) expand the standard pattern in specified directions. See Sections 73.150 and 73.152 of the FCC's Rules.

AM coverage may not mirror the pattern shown here. Additional factors such as ground conductivity or skywave propagation affect how far the AM signal will travel.

Patterns for stations outside the USA are based on notified parameters.

AM directional patterns created before 1982 used units of 1 mV/m at 1 mile, not one kilometer. The pattern values on such plots at 1 mile will be 0.62137 of the values listed here. Measured pattern values may vary from values shown here.

Plot is best printed on 11" by 17" or larger paper.

20 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	232.43	245.18	
185	308.76	325.04	
190	378.18	397.78	
195	434.48	456.81	
200	473.34	497.56	
205	491.25	516.34	
210	485.46	510.27	
215	454.35	477.64	
220	397.91	418.47	
225	318.68	335.44	
230	224.14	236.51	
235	139.58	148.42	
240	146.36	155.46	
245	247.76	261.21	
250	368.07	387.18	
255	480.20	504.76	
260	572.07	601.13	
265	636.01	668.23	
270	667.47	701.23	
275	664.84	698.47	
280	629.48	661.38	
285	565.51	594.25	
290	479.49	504.01	
295	380.42	400.13	
300	281.17	296.16	
305	204.48	215.98	
310	188.31	199.12	
315	239.46	252.53	
320	319.09	335.87	
325	403.21	424.02	
330	484.09	508.83	
335	560.21	588.69	
340	632.47	664.50	
345	702.69	738.20	
350	772.90	811.88	
355	844.81	887.36	